

The Carbon Chronicle

VOLUME 34: No. 46

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Mr. and Mrs. C. Graham left for Vancouver to spend the holidays with their son Jimmy who is sick in hospital.

Mrs. Sarah Cadman and Mrs. M. Levins are spending the holidays at the home of Mr. and Mrs. C. Cave.

We understand that Mr. McKibbin former druggist of Carbon is very ill in the Calgary General hospital.

Flying Officer Howard Hunt is home to spend the holidays with his parents, Mr. and Mrs. Harry Hunt.

CARBON BAPTIST CHURCH

December 24th at 7:30 p.m.
Sunday School Program
December 25th at 10 a.m.
Worship Service
Dec. 31st 8:30 p.m. to 12 p.m.
Watchnight Service
Jan. 1st at 11 a.m.
Communion Service
There will be no evening services on Dec. 25 and January 1.

CHRIST CHURCH, CARBON

Dec. 24th at 11:30 p.m.
Holy Communion
Dec. 25th at 7:30 p.m.
Carol Service
January 1st at 11 a.m.
Morning Prayer

GAMBLE COMMUNITY NEWS

Mr. and Mrs. Smith (nee Edna Gibson) and family of Sylvan Lake were weekend visitors at the home of Mr. and Mrs. W. Gibson.

Mr. George Appleyard of Victoria is visiting his sons of Carbon.

Among the unlucky people who attended Liono in Calgary last week were Eileen Martin, Katie McCracken, Doris Snell, Mary Hansen, Mr. and Mrs. Sigmund and family, Mr. and Mrs. McIntosh and Mr. and Mrs. Garrett, Mrs. Larson and Arnold.

A good deed was done in the Webb district last week for Clarence Gwynn who has been a patient in the hospital. Charlie Martin, Fred McCracken, Arnold Larson, Bert McCracken and organizer Russel Snell used their trucks to haul Clarence's barley to the elevator in Carbon. Clarence is now home and we wish him a speedy recovery.

Our local curlers, Charlie Cave, G. Appleyard, R. Garrett and skip S. Cannings was defeated in Drumheller last Sunday by the V. Hawkins rink.

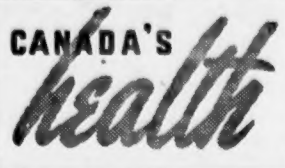
A large crowd attended the Christmas Party at the Gamble School last Saturday, where approximately eighty children received gifts and bags of Candy from Santa Claus. Local entertainers, supervised by Betty McCracken assembled an enjoyable program. The evening closed with a delightful lunch served by the ladies.

Mr. and Mrs. Sigmund moved to Banff Wednesday to bring Eileen home for the holiday season.

Sylvia Garrett came home on Monday for the Christmas holidays.

CARD OF THANKS

I wish to thank the Ladies' Auxiliary 161 Canadian Legion, Carbon Lions Club, Anglican W. A. and all my many friends for the beautiful cards, flowers and visits, and also a special thanks to the Rev. Mr. J. G. Roberts for his many kindnesses and assistance while I was a patient in the Drumheller hospital.
Millie Poole.



FOOD IS A FOUNDATION

As a building depends upon its foundations for safety, so the health of an adult may depend in large measure upon the health foundations laid in childhood. The youngster who has grown up on a balanced diet will probably have a healthier body than one who has been fed less carefully planned meals. Every child, like every adult, needs certain daily amounts of protein, minerals and vitamins for proper maintenance of his body and to supply energy. Without these necessary nutrients he may suffer some form of

malnutrition to the detriment of his health.

BAD HABIT

Smoking in bed is a dangerous habit that can have fatal results if the smoker dozes off and allows his cigarette to fall from his fingers onto bedclothes or rug. Falling asleep on a chesterfield or upholstered chair while smoging may cause the whole house to burn, if the cigarette falls into the fabric.

It is wise not to smoke at all when feeling drowsy, especially when in bed.

For
FARMERS' LIABILITY INSURANCE
See
S. F. TORRANCE
Real Estate & Financial Agent
CARBON PHONE No. 9

Season's Greetings

IT'S THE SEASON

FOR GREETINGS

AND HERE'S MINE

A wish as sincere & friendly as can be

A hope for a MERRY CHRISTMAS

TO EVERYONE I KNOW

AND THAT THE YEAR 1956

BE YOUR HAPPIEST

Pat Poole



and HEALTH, HAPPINESS AND PROSPERITY IN 1956

Ghost Pine Mine

Alex McArthur

SEASON'S GREETINGS



Joyous Christmas

and a
HAPPY and PROSPEROUS NEW YEAR
IS OUR WISH
TO ONE and ALL

Carbon Transport

Walter Perman



Merry Christmas
and a
Happy New Year

CROWN LUMBER COMPANY LIMITED

Phone 39 H. V. Holstein
Carbon Manager



SEASON'S GREETINGS

A MERRY CHRISTMAS AND A
HAPPY AND PROSPEROUS 1956 TO
ALL MY FRIENDS and CUSTOMERS

Ideal Hardware

I. W. McCracken

Oats pool payments announced

OTTAWA.—The Right Hon. C. D. Howe, minister of Trade and Commerce, has announced that the Canadian Wheat Board had closed the 1954-55 oats pool as at the close of business on November 18, 1955.

The surplus for distribution to Western producers delivering oats to the Pool between August 1, 1954 and July 31, 1955, amounted to \$3,779,605.60. The average final payment on the 69,581,184.4 bushels of oats delivered to the Pool by producers will be 5.432c per bushel. The final payment on No. 3 Canada Western will be 6.172c per bushel. The final payment on Extra No. 1 Feed Oats will be 4.226c per bushel. The final payment on Nos. 1, 2 and 3 Feed Oats will be 4.307c, 6.276c and 9.565c per bushel respectively.

This is the second distribution of surplus funds from the 1954-55 oats pool. Last April an adjustment payment of 7c per bushel was made on all grades of oats delivered to the 1954-55 oats pool between August 1, 1954 and March 21, 1955, when the initial payments for all grades of oats were increased by 7c per bushel effective for the balance of the crop year.

In the case of the 1953-54 oats pool, adjustment or interim payments were not possible and the Pool was closed out with an average final payment of 6.276c per bushel. With the final payments announced, prices realized by producers for oats delivered to the 1954-55 pool will average about 6c per bushel higher than the prices realized from the preceding pool.

Mr. Howe stated that the board will commence issuing the final oats payments to producers just as soon as the final barley payment is completed. The board is presently engaged in issuing cheques to producers covering the final payment on the 1954-55 barley pool which amounted to \$6,536,611.93.

:: GEMS OF THOUGHT ::

POTPOURRI

It takes you to make an argument. —Anna Faye.

The characters and lives of men determine the peace, prosperity, and life of nations.

—Mary Baker Eddy.

Moral indignation is jealousy with a halo. —H. G. Wells.

If you want something done, give it to a busy man. He'll have his secretary do the job!

—L. C. McCandles.

Too many of us, when we accomplish what we set out to do, exclaim, "See what I have done!" instead of saying, "See where I have been led." —Henry Ford.

Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened. —Winston Churchill.

Mexico City developed from the original settlement made by the Aztecs on an island in a lake which has since disappeared.



The Pattern Shop

42" Cut-out

Striking lawn or roof decoration Santa, reindeer

This striking lawn or roof decoration will add to the holiday spirit of the whole neighborhood. The pieces are cut out of tempered hard board. It is an ideal job for the jig saw, or band saw. The deer are thirty-six inches long at the ground level and the same height to the tip of the horns. The directions on the pattern are in step-by-step detail from cutting out the figures to the final finish with a coat of good varnish to withstand the weather for many holidays. The price of the pattern is 35c. Add 2c for first class mail, or 5c for air mail. Be sure to ask for pattern 360 and include name and address.



PATTERN 360

These angelic figures made of stiff paper and painted in bright colors will be found most useful at Christmas time. The pattern gives tracing diagrams for a variety of sizes and styles. Some stand 6-inches high holding a song book. There are several sizes for tree decorations. And for hand-painted greeting cards that just fit an ordinary envelope. Each step is illustrated on the pattern from tracing the outline of the figures to the fascinating part of using ordinary water colors to bring out



MAKE CHRISTMAS ANGELS WITH PATTERN 320

the unusual realism of these figures. This pattern is 320 and may be ordered separately at 35c or it will be included in the Christmas Decorations Packet of five standard size patterns for only \$1.50 postpaid.

Address order to:
Home Workshop Pattern Service,
Department P.P.L.,
4433 West Fifth Avenue,
Vancouver, B.C.

Husbands poor driving teachers

Lady, if you want to learn to drive, go to a professional teacher. Not your husband.

This advice comes from Alfred L. Moseley, consulting psychologist for a United States insurance company who said husbands make lousy driving instructors. Moseley has been studying driver training methods based on tape recordings of actual driving lessons.

He found that husbands don't show their wives how to drive. They tell them. They are full of advice but do not give specific directions in time for the wife to respond. They let their wives drive too fast while learning. And to top it all, husbands don't know all the things which should be taught to make a safe and skilful driver.

"When a woman wants to learn to drive, she's better off to go to a qualified driving school," Moseley concluded. 3172

Fashions

Jumper-dress!



4808

6-14

by Anne Adams

It's a jumper for now—a sundress for summer! For schooltime, make one in cotton plaid, another in solid colors. She'll love the blouse too, with short or three-quarter sleeves. She's sure to rate an "A" in fashion, wearing this smart twosome!

Pattern 4808: Girls' Sizes 6, 8, 10, 12, 14. Size 10 jumper, 2½ yards 39-inch; blouse, 1¾ yards.

This pattern easy to use, simple to sew, is tested for fit. Has complete illustrated instructions.

Send thirty-five cents (35c) in coins (stamps cannot be accepted) for this pattern. Write plainly Size, Name, Address and Style Number and send orders to:

Department P.P.L.,
Household Arts Department,
60 Front Street W., Toronto

Last run for ghost train

The ghost train of the Ontario Northland Railway has made its last run.

After hearing eerie tales of a silent train, gliding along the bush tracks at dead of night, and darting shafts of light through the trees, game warden Orel Landriault and railway constable Bob Friend decided to hunt it down.

Recently they found it—a home-made railway speeder with rubber tires, powered by a converted gas washing-machine motor.

It was lying hidden in the bush half a mile from a hunters' camp at Osborne. A special muffler drowned the noise of the motor so that the speeder could move in silence along the tracks.

Five hunters have been charged with carrying loaded rifles in Nipissing Game Reserve. They may also be charged with trespassing on railway property. Four deer and five rifles were found nearby.

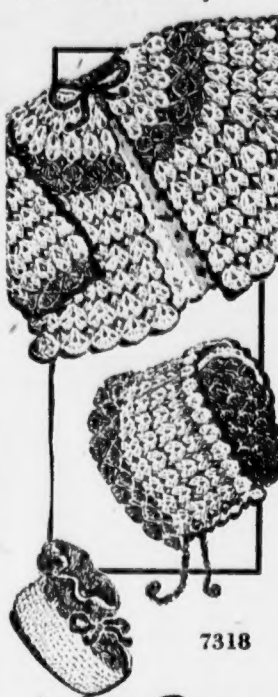
Osborne can only be reached by rail. The game warden believes the ghost train was brought to the camp in a packing case and assembled on the spot.

It carries two men and can easily be lifted on and off the rails.

After the officers found the

Baby Set

Crochet booties bonnet, jacket for the baby



7318

by Alice Brooks

QUICK CROCHET! You'll have baby's new booties, bonnet, jacket finished in a jiffy! They are made in open and closed shell-stitches in 3-ply baby yarn. Use white with pastel pink, blue, or yellow.

Pattern 7318; crochet directions for infant's bonnet, booties, jacket.

To obtain this pattern send twenty-five cents in coins (stamps cannot be accepted) to:

Department P.P.L.,
Household Arts Department,
60 Front Street W., Toronto

Be sure to write plainly your Name, Address and Pattern Number.

Order our ALICE BROOKS Needlecraft Catalogue. Enjoy pages and pages of exciting new designs — knitting, crochet, embroidery, iron-ons, toys and novelties! Send 25 cents for your copy of this wonderful book now. You'll want to order every design in it!

The object of irrigation

The object of irrigation is to replenish the water in the soil so that plants will have an adequate supply of moisture. In order for the plant to grow under the most favorable conditions, there must be a balance between air and water in the pores of the soil. The upper limit of this balance is called field capacity or when the soil is holding the maximum amount of water after downward movement, due to gravity, has ceased. The lower limit is the wilting point which indicates the moisture content of the soil when the plant wilts.

When the soil moisture is higher than field capacity, the soil is saturated. If the soil remains saturated for too long a period, it becomes waterlogged and plants suffer from lack of air. When the soil moisture falls below the wilting point, the plant of course dies.

The amount of water that the plant can use is that volume between field capacity and wilting point and this quantity is called the available moisture — Canada Department of Agriculture.

rifles, the hunters took them to the spot where the machine was hidden.

Army has new field telephone

A new field telephone, more rugged and having better performance than the current models, has gone into large-scale production and will be in general army use early next year.

The new instrument, known as the TA-43, replaces the familiar Second World War "F and L" sets which have been in use for 15 years wherever the Army has served.

The new sets are American-designed, but have been approved for use by the Canadian Army. They are being produced in this country in considerable quantities (more than 6,000 initially) by the Northern Electric Company of Montreal.

The new set has a working range up to 20 miles using field wire. It is made of material specially selected for durability and long wear under the toughest field conditions and is completely waterproof.

Weight is about eight pounds. It is designed to "talk" and "listen" much better than the old "F and L's" and will be utilized for all field switchboard work.

Its signal "bell" actually is not a bell at all but a "clacker" which makes a noise comparable to that of a woodpecker. Volume is adjustable and extensive tests have shown the "clacker" is more audible under battle conditions than the conventional 'phone bell.

The set's new magneto generator is a "free-coaster" and can be operated with nothing of the hard labor associated with the old sets. The new telephone can be used either as a desk set or mounted vertically on a tree or a pole.

TWO BIG NIGHTS

New York Rangers' Andy Bathgate had 14 points in games up to November 20 and nine of these were accounted for in two games. Andy picked up five points in the first game of the season and four points on November 13. His five points in a game is the most points picked up by a player in one game this season.



PUZZLE—How did barber Alphonse Secinaro of Iron Mountain, Mich., spend his time over a recent weekend? Hint: He didn't attend an Elk's convention.

—By Les Carroll

THE TILLERS



Cultivation eradicates couch grass

The only feasible means of controlling field scale infestations of couch grass is by cultivation, according to recommendations of the National Weed Committee (Western Section).

Patches of couch can be eradicated with chemicals such as Sodium Chlorate, or T.C.A. Both of these chemicals give the best results when applied in the fall although Sodium Chlorate may be applied at any time. For couch grass control on non-crop land, D. E. Forsberg of the Experimental Farm, Scott, Saskatchewan, recommends applications of the chemical C.M.U.

In dry regions cultivation should commence late in the fall preferably just before freeze-up. In the following year cultivation should be resumed and continued intensively throughout the summer months. Two methods of cultivation are practiced in such areas namely the use of the disc implement and the use of a cultivator, preferably followed by a cable or rod weeder to bring the roots of the weed to the surface where they will dry out and die.

Extensive operation
In either case the operation must be intensive and continued over a long enough period to free the soil of all living couch grass. If the infestation is in scattered patches the disc may be the best implement as it shreds the weeds to such an extent that there is less chance of them being dragged to clean parts of the field.

In wet years only very poor control can be expected. In any event heavier pasturing of couch grass prior to cultivation will assist in eradicating the weed.

Applications of Sodium Chlorate are just as effective when applied dry as in a water spray, and less dangerous. Recommendations call for an application of 500 to 800 pounds per acre.

T.C.A. should be applied at a rate of 80 to 100 pounds per acre on undisturbed sod and 50 to 70 pounds per acre when combined with a thorough cultivation.

Cultivation prior to the application of chemicals appears to be more effective than that following the operation. If complete kill of couch grass is not achieved, follow up cultivation of subsequent chemical applications are often needed.

Early spring or late fall applications of CMU applied at a rate of 20 to 40 pounds per acre results in complete to almost complete kills. Cultivation does not increase the killing action of CMU. If this chemical is applied at a rate of over 20 pounds per acre, normal plant development will be prevented for at least two years.

ATTRACTIVE WRAPPINGS

Gilded pine cones, a spray of mistletoe or bright Christmas tree balls added to gift wrappings make packages look more attractive.

3172

Standard Bridge

By M. Harrison-Gray

Dealer: South
Game all
N.

♠ 8 2 7
♥ A 8 7
♦ J 8 2
♣ K 9 7 6 3
W. ♠ K Q 5 3 ♡ A 10 9 7
♥ 6 ♦ A 10 9 7 5 ♣ Q 4 3
♠ Q J 5 ♡ A 10 3
S.
♠ J 6 4
♥ K Q J 9 4 3
♦ K 6
♣ 8 4

A few years ago foreign competitors in the European championship were astonished by our South player's opening bid of One Heart. On a hand of this type, however, it is usually safer to bid than to pass and come in later (if given the chance), and the shading of the defensive requirements is a legitimate risk.

In this case the effect was to obstruct the opponents, helped by the fact that West preferred a One Spade overcall to a safer and more constructive take-out double. North bid Two Hearts, and neither opponent visualized a game. East's bid of Two Spades being passed out.

South did not consider opening in Room 2, and the British pair sailed into game via this sequence: One Diamond—One Spade (South Two Hearts); Two Spades—Three Diamonds; Four Spades.

Strictly Fresh

Air coolers installed in a model village at Austin, Tex., lengthen nights in terms of hours slept, a report says. And tall tales about Texas only make the night SEEM longer to us, when Lone Star fans come a-visiting.

Bloomington, Ill., firemen put out a tree fire and logged it as:



"Squirrel smoking in bed." Same one that wrote in the log book?

If you're getting up in years, it's prudent to remember that snow shoveling can be a grave undertaking.

District of Columbia school officials found that newly printed report cards listed "A" as "excellent", and "U" as "improvements is needed." They sure is, in some teacher-proofreader's technique.

FLYING CANNON

Vertical-rising aircraft equipped with cannon and rockets will replace conventional artillery by 1970, according to estimates of forward-looking U.S. armed forces planners.

DRIVE WITH CARE!

Trash cover of crop residues promotes root rot in wheat

OTTAWA.—Common root rot of wheat, a fungus disease, is favored by the practice of maintaining a trash cover of crop residues on the surface of the soil.

Evidence obtained at the Plant Pathology Laboratory, Canada Department of Agriculture, Saskatoon, Sask., indicates that fewer wheat seedlings become infected with common root rot when the stubble is plowed under prior to planting than when it is left on the surface of the soil.

Farm practice in Saskatchewan is directed toward keeping residues of the previous crop on the soil surface. This appears to be a sound procedure from the standpoint of moisture retention, wind erosion and soil conservation in general. However, some modification in the handling of stubble would be desirable to meet the common root rot problem and indeed certain other diseases as well.

Crop residues serve as a reservoir of infection for common root rot. This disease attacks barley, rye, and most of the grasses, as well as wheat. Keeping the crop residues on the soil surface allows the disease producing fungi to accumulate, whereas burying them hastens decomposition of the straw and stubble and also hastens death of the fungi. In addition, when fungus spores are buried fewer of them have an opportunity to reach and infect the growing plant.

Plowing in the spring prior to seeding allows planting the seed into freshly turned soil that is

comparatively free of the root rot fungi. These fungi are not true soil inhabitants and do not thrive in the soil. This suggested modification in which the mold-board plow is used in preparing land for seeding is one that already is well established in some areas of the province. It leaves the soil without protection for only a short period in the spring until the new crop covers the ground.

The mold-board plow is not well adapted for use on heavy soils. However, such soils give less trouble with common root rot than the light and medium class of soils. On the other hand, certain other diseases may become important in these areas where stubble residues are usually heavy and where wheat is a preferred crop.

Oats, flax, rape and a few other crops of limited acreage differ from wheat and do not support the more important fungi causing the root rot disease. If the rotation of crops were sufficiently varied that wheat or barley could be alternated with other crops, then there would be less value in plowing as a sanitary measure.

Samuel Gridley Howe, who devoted almost half a century to the education of the blind, invented the first method of teaching by means of raised symbols.

Shelterbelts small help to wheat yields

Doubt that field shelterbelts have a measurable influence on wheat yield has been expressed by W. J. Staple and J. J. Lehane of the soil research laboratory, Swift Current.

In an article in the Canadian Journal of Agricultural Science, they described a five-year study of the influence of field shelterbelts on wind velocity, evaporation, soil moisture and crop yield.

"From the information available it does not appear likely that it would have a measurable influence on soil moisture conservation or wheat yield," the report said.

Hedge rows and shelterbelts reduce the velocity of cross-winds to a distance of at least 20 times the height of the trees. Soil drifting hazards are reduced, but "the reduction in evaporation observed near field shelterbelts was small..." the report said.

It said the net increase in one group of sheltered fields for the five-year period was 7 bushels per acre, taking into account the area occupied by the trees.

"Snow accumulation near shelterbelts varied from almost nil in years of low snowfall to drifts 70 feet wide in years of ample snowfall and strong winds. These snow drifts increased the soil moisture near the shelters at seeding time, and this in turn resulted in greater yields than obtained in the centre of the field."

Coke comes from coal

Canada's Northern Citizens



During the Eastern Arctic's short summer months Eskimos, like this family at Sugluk, P.Q., pitch their sealskin and canvas tents at the mouth of a river where heavy runs of fish in July and September will ensure good supply of food to carry them through the long winter.

Despite his contact with white man, and new goods which fur trading has brought him, the Eskimo is still a primitive man. Here, in the warm confines of their winter igloo, a Baker Lake family is engaged in fashioning traditional sealskin clothing and snow-knives to the accompaniment of gramophone music.



Faces of the north reflect the childlike, yet rugged, simplicity of the Eskimo. This nomadic race, living by its creed of "Iyonamut" ("It can't be helped"), has little concern for the future. Immediate problem is to obtain adequate supplies of food. Year-round, from their

summer camps clustered at the mouth of a river, or their winter igloos on the desolate tundra, they set out in search of the seal, walrus and caribou that make up their main diet. Skins of these animals also provide material for clothing.

World Happenings In Pictures

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MERL CAIN AND MARGARET NICHOLSON



RUTH BEICHLER



SHIRLEY SHINGLER

FACE MURDER CHARGE—Five teen-aged girls from an Akron, O., detention home, face first degree murder charges in the death of Mrs. Eula Bonham, matron of the home. The girls escaped from the institution after tying the matron and gagging her with ammonia soaked rags. She died of strangulation. Merl Cain and Margaret Nicholson, left, surrendered a few hours after their escape. Ruth Beichler, top right, and Shirley Shingler, lower left, were captured in a restaurant. The fifth, Mrs. Zelda Decost, 16, gave herself up. Police said the girls seemed sorry. They quoted Miss Cain as saying "the matron was like a mother to us."

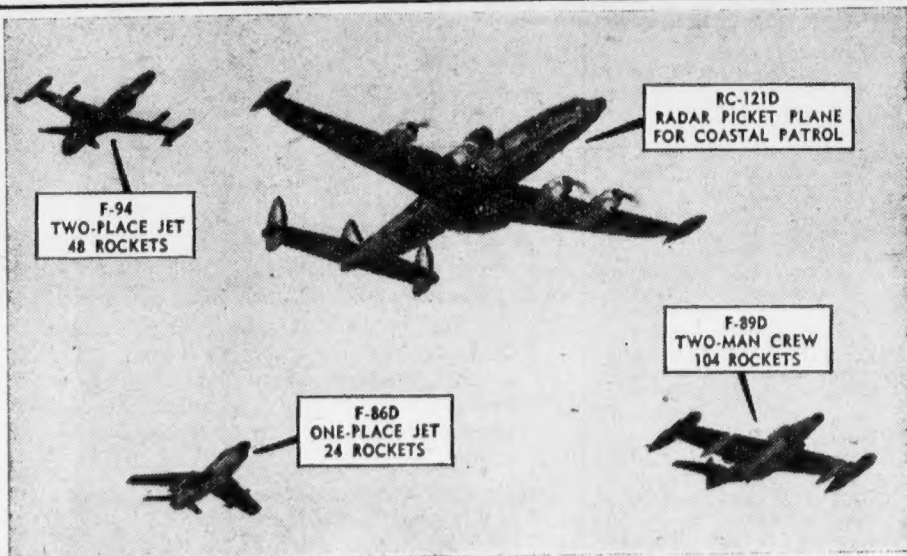


TRIES OUT SKI LEGS—Taking advantage of Ottawa's first snowfall is Olympic skier Anne Heggveit. This is the first time she has been on the hickories since breaking her leg early last season. She hopes to be fit for the Winter Games at Cortina, Italy, January 26

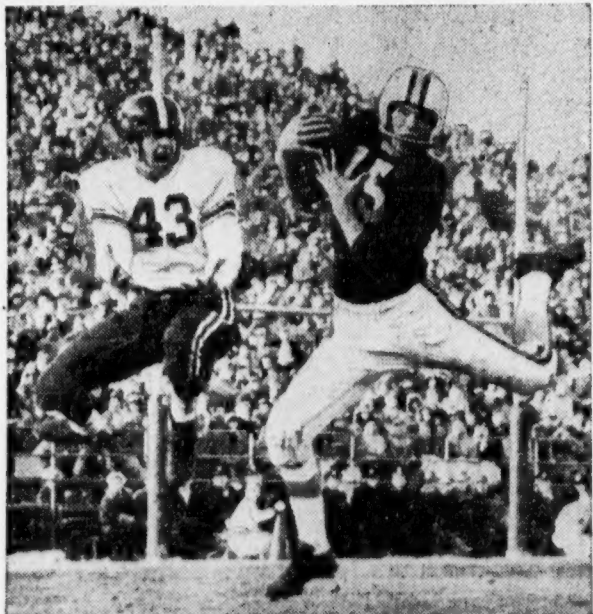


LUNAR LOTS FOR SALE—Robert R. Coles of Glen Cove, N.Y., points to "allotment" on plot of the moon's Crater of Copernicus. Area shown is an enlargement of circled area on telescopic picture of moon, at left. A former chairman of New York City's Hayden Planetarium, Coles has incorporated "The Interplanetary Development Corporation". He hopes to sell moonscapes at one dollar an acre. Buyer supplies his own transportation if he wants to "moon-stand" his land.

Horses were non-existent on the modern North American continent until the arrival of Cortez in 1519.



"... AND THE ROCKETS' RED GLARE ..."—Francis Scott Key had a vastly different type of rocket—the signal rocket—in mind when he penned the words to the "Star-Spangled Banner". Then, they "gave proof thro' the night that our flag was still there." Today, supersonic rockets, deadly air-to-air missiles, give jet-propelled proof that the Air Defense Command is prepared to keep the flag flying should the need arise. Pictured, above, are the four major aircraft of the Command. Humps on top and belly of the RC-121D picket patrol ship are jam packed with radar and other electronic detection devices.



HOPPING MAD—Wisconsin's Dick Kolian, left, has perfect justification for being up in the air over this play. Minnesota's Dick Larson has just intercepted a pass intended for Kolian during a grid battle at Minneapolis, Minn.



THE WINNERS, and still champions of Canadian football, the Edmonton Eskimos relax in the dressing room with Earl Grey's big silver cup. Jackie Parker, the dazzling Eskies quarterback, holds the prized trophy flanked by starry centre Kurt Burris (left) and halfback rompin' Rollie Miles.

Home Front

CHRISTMAS 1955

And it came to pass in those

days, that there went out a decree from Caesar Augustus, that all the world should be taxed.

2. (And this taxing was first

made when Cyrenius was governor of Syria.)

3. And all went to be taxed, every one into his own city.

4. And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem, (because he was of the house and lineage of David).

5. To be taxed with Mary his espoused wife, being great with child.

6. And so it was, that, while they were there, the days were accomplished that she should be delivered.

7. And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn.

8. And there were in the same country shepherds abiding in the field, keeping watch over their flock by night.

9. And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them; and they were sore afraid.

10. And the angel said unto them, Fear not: for, behold, I bring you good tidings of great joy, which shall be to all people.

11. For unto you is born this day in the city of David a Saviour, which is Christ the Lord.

12. And this shall be a sign unto you; Ye shall find the babe wrapped in swaddling clothes, lying in a manger.

13. And suddenly there was with the angel a multitude of the heavenly host praising God and saying,

14. Glory to God in the highest, and on earth peace, good will toward men. (Gospel of St. Luke, Chapter 2, Verses 1-14).

And so dear homemakers, once again we hear the same beloved Christmas Story that has been told down through the ages of the Babe of Bethlehem. May your family have a blessed and holy Christmas filled with all good things.

Have you had a whiff of Christmas yet? Now is the time to be baking those good things to eat. What family doesn't love the smell of baking in the home.

But Christmas is more than just eating, drinking and merry making—Christmas is a time for "sweet talk", for going out of your way to say the happy thing, to parkle the air with plenty of gay greetings. Christmas is the time to thank the Christ Child, whose birthday we celebrate, for the many blessings we have received. How fortunate we, in this land, are to celebrate Christmas as we wish.


And so, may the very brightest stars be shining especially for you this Christmas Eve.

My very special greetings to you and yours.

Sincerely yours,
Lorraine Rea.

This will be my last letter to you as your District Home Economist. I am resigning from the Department of Agriculture at the end of this month to become a full-time homemaker. I wish to take this opportunity to thank all my friends in my district who have made these past 4½ years so pleasant.

Have you made your contribution to this year's Christmas Seal Fund? Tuberculosis is still a major health problem, and your contribution will aid in the detection of early cases by chest X-ray as well as treatment and research.



If it's grain . . . Ask us!

PARRISH & HEIMBECKER LTD

Grain Receivers, Shippers and Exporters
An old established firm with a reputation for doing business right.

Head office — Grain Exchange Bldg., Winnipeg
BRANCHES: CALGARY — TORONTO — MONTREAL

Season's Greetings



And **HAPPINESS**
And **PROSPERITY**
in the
NEW YEAR

Merry Christmas
one and all

Carbon Hotel Ltd

SEASON'S GREETINGS

FOR A
**VERY MERRY
CHRISTMAS
AND
PROSPERITY
IN THE
COMING YEAR
TO OUR FRIENDS
AND CUSTOMERS**



Christmas

WRIGHT MOTORS LTD.

S. N. WRIGHT

Christmas Greetings

WITH GENUINE APPRECIATION
OF OUR PLEASANT RELATIONS, WE
EXTEND TO YOU THE SEASON'S
GREETINGS.

WE WISH YOU ALL THE HOLIDAY JOYS WITH AN ABUNDANCE OF PROSPERITY IN THE YEAR 1956.


Alberta Poultry Producers

D. Hunt, Agent

Let's ALL enjoy THIS Christmas!

If you DRIVE - don't DRINK If you DRINK - don't DRIVE

It's smart to say - "NO THANKS, I'm driving!"



ALBERTA SAFETY COUNCIL



Safety Sam Says...

The Best Christmas Gift of all...

YOU...SAFE and SOUND!

Drive carefully during the happy holiday season. Who knows? The new year may be the best you ever had. Drive . . . and live to see it through!



MERRY XMAS

ABA 5



ALBERTA BREWERS' AGENTS LIMITED

— REPRESENTING —

BIG HORN BREWING CO. Ltd. - CALGARY BREWING & MALTING CO. Ltd.
SICKS' EDMONTON BREWERY Ltd. SICKS' LETHBRIDGE BREWERY Ltd.
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The Sports Clinic

(An official department of Sports College)
Conducted by Lloyd "Ace" Percival

Puck control pays off

Phil Watson, now coach of the New York Rangers, was a fine player himself during the days of Bill Cowley, the stickhandling terror of the National Hockey League. In one game his assignment was to "shadow" the crafty Cowley—and the crowd became almost as interested in his dogged tracking of the great Boston center as it was in the close score.

Cowley took it in good spirits. When he left the ice, he often held the gate open and waved to Watson to come in and sit with him on the Boston bench.

Late in the third period, with the score tied 2-2 and play in the Ranger zone, Cowley and Watson were playing their usual game of tag out by center ice. Suddenly, Cowley put on a terrific burst of speed, picked up a pass, stick-handled past two checkers and

rifled the winning goal into the net.

Then, with a big smile on his face, he skated over to Watson and shouted so everyone could hear: "You should get an assist on that one, Phil."

Really expert stickhandling has become a rare sight in modern hockey. Any young player who wants to reach the big leagues should spend a great deal of time polishing and practicing his puck control. There are three basic moves—the side to side, diagonal and back to front. Here's how they are performed:

Side to side: Move the puck over to one side, lift the stick and whip it over in front of the puck for the return sweep. Keep the elbows well out from your sides, and the arms and shoulders relaxed so the wrists do all the work. Move your hands with the puck so they are directly above and behind it all the time.

Diagonal: Similar to the side to side sweep, the diagonal requires slightly different technique. The shoulders should be turned so they are parallel to the path of the puck as it moves. The outside arm is kept well out, with the elbow pointing in the direction in which the puck is moved.

Back to front: This is the most difficult manoeuvre of the three, but it is well worth the time that has to be spent on it. The grip of the low hand is by the thumb and index finger only, and the arm should be close to the body. The other arm is held well out from the body. The stick is turned so the blade faces from side to side—toe of the blade to the left for a left-hand shot. The path on which the puck can be moved can be increased by letting go with the low hand on the forward movement and controlling the stick with the top hand until it is brought back within reach again.

Remember, in any stickhandling movement, the most common fault is rough, banging sweeps of the stick which cause the puck to bounce out of control.



WANT A DATE? — Harlene Miller, 17, is the girl to see. She has a whole bunch of dates for someone. Naturally. She was chosen Date Queen of 1955 at Phoenix, Ariz., heartland of one of the few date-growing areas in this country.

Cheery colors food favorites

A sprig of parsley adds a "cheery" touch to foods, and the dark-purplish color of dried prunes seems to depress most eaters, according to a University of Illinois food specialist.

Mary McAuley said food colors "can actually influence your appetite, taste sensation and reaction to a meal." There are popular food colors and unpopular ones, to which men and women react alike.

Miss McAuley said the combination of white and green is "an appetite-teaser," while yellow is one of the "most favored" food colors.

Dark colors are "undesirable" in food, she added, which explains "why the dark-purplish color of dried prunes seems to depress most eaters."

Spats are also known as gaiters.

Holiday plan for inmates

Long-term prisoners in Belfast jail are going to be given summer holidays to improve their morale.

For the last five years prisoners have enjoyed a Christmas parole at home with a good effect on morale and all reported back to their jailers.

An Ulster Home Ministry spokesman said the plan will be extended to give prisoners a week's holiday in the summer.

"Around 40 prisoners should benefit by this scheme," the spokesman said. "Prisoners serving more than three years will also be given four days' Christmas leave."

Prisoners convicted of murder or offences against the state, such as belonging to the underground Irish Republican Army, will not be eligible for holidays.

An archipelago is a group of islands.

Heat softens old putty

To replace window panes, it is necessary to remove every trace of old putty so the new putty will stick. Sometimes this is difficult without damaging the wood surface.

One way to do it is to heat the old putty to soften it. New tank type propane blow torches, throwing a fine pencil flame, are handy for this job. Gently heat the putty until it is pliable. Move the flame slowly and steadily. Do not hold it too long in one spot.

Use a putty knife or scraper to remove the heated putty as you progress with the flame. Then apply a heavy coat of linseed oil to the bare wood to keep it from soaking oil out of the new putty.

LARGEST RESTAURANT

World's largest restaurant is in Rockefeller Centre, New York city. It serves more than 10 tons of food in 24 hours.

Ticklers

—By George



"I'll say this about Smith, our new member. He really tries to get into the spirit of this thing!"

WEEKLY BIBLE COMMENT

WILL YOU JOURNEY TO BETHLEHEM?

What a wondrous story Luke tells, of the coming of the Christ-child, and of the meaning of His coming to the world!

"Glory to God in the highest, and on earth peace, good will toward men."

We are so familiar with that story that perhaps we lose some of its full significance. We can hardly picture a world without Christ and the Christmas story. And yet it is only as we think back to accounts of a world without Christmas that we can realize what the coming of Jesus meant to the world.

Much has been said about the materializing and the paganizing of Christmas. It is true that for many persons Christmas is merely a joyous festival, with little relation to the first Christmas or the Christ.

But only those get the true joy of Christmas who celebrate it as the birthday of the Babe who came to manifest the divine in the human, to live our earthly life that He might bring us near to God.

But no forgetfulness of God, or violence of men, can wipe out the reality of the holy birth in Bethlehem, or the glory that surrounded the manger there.

Within the next two weeks all who will may journey across the centuries to the outbuildings of an humble inn. There, in the company of the Wise Men and the Shepherds, they will lay the treasures of their hearts before the Babe—God's eternal gift to man. Will you be there?

TRY AND STOP ME!

By BENNETT CLEF

In the flight kitchen of a big airline service they estimate that passengers travel about 25 miles while they toy with their appetizer, 110 miles while they eat the main course, 40 miles for the salad, and 55 more during dessert. In other words, a single dinner goes a long way—230 miles.

"Uncle Herbert," implored little Johnnie, "for my birthday this year I'd like another snare drum just like the one you gave me last year."

"I'm glad my last present was such a hit," beamed the uncle. "What made you like it so much?"

Johnnie explained, "Daddy gave me 10 cents every week not to beat it."

It's tough for an honest cabbie to eke out a living in New York. While visiting the big city one time, a Kentucky matron left her pocketbook, stuffed with currency, in a taxi. The driver suddenly appeared in the store she had entered, and gave her the bag. Grati-fied, she rewarded him with a \$10 tip. But when he returned to his vehicle, he found it plastered with a \$15 parking ticket.

Asphalt is an ancient Greek word meaning firm, stable or secure.

Ten Word INTELLIGRAM

Check the correct word:

- 1—Malcolm Campbell holds the world's (water) (air) speed record.
- 2—Geneva Big Four Foreign Ministers meeting was an outstanding (success) (failure)
- 3—Unification of East and West Germany (was) (was not) agreed upon.
- 4—A definite date for the Big Four to meet again (has) (has not) been set.
- 5—Argentina's president is (Pedro Aramburu) (Eduardo Lonardi).
- 6—Sultan Sidi Mohammed ben Youssef has been (ousted from) (returned to) Morocco's throne.
- 7—Princess Margaret (has) (has not) been in seclusion since renouncing Group Captain Townsend.
- 8—Brazil is now experiencing (summer) (winter) weather.
- 9—President Eisenhower will spend most of his convalescence at (Gettysburg) (Camp David).
- 10—The First Lady will (be with him) (remain in Washington).

Count 10 for each correct choice. A score of 0-20 is poor; 30-60, average; 70-80, superior, and 90-100, very superior.

Decoded Intelligram

1—Water. 2—Failure. 3—Was not. 4—Has not. 5—Aramburu. 6—Returned to. 7—Has not. 8—Summer. 9—Gettysburg. 10—Be with him.

PEGGY



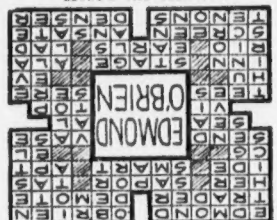
—By Chuck Thursday

:: Weekly Crossword Puzzle ::

Actor

- HORIZONTAL**
- 1,7 Depicted actor
 - 13 Barterer
 - 14 Reduce in rank
 - 15 Pronoun
 - 16 Flavor
 - 18 Tasmania (ab.)
 - 19 Fish
 - 20 Poignant
 - 21 Qualified
 - 22 Centigram (ab.)
 - 23 Hebrew deity
 - 24 Dispatch
 - 27 Flower container
 - 29 Ocean
 - 30 Morindin dye
 - 31 Six (Roman)
 - 32 Apex
 - 34 Device used by golfers (pl.)
 - 36 Withered
 - 38 Northerner
 - 39 English version (ab.)
 - 40 Hostelry
 - 42 He did Shakespearean roles on the
 - 47 Winglike part
 - 48 River (Sp.)
 - 49 Noblemen
 - 50 Youth
 - 51 He is a radio and star
 - 53 Handled
 - 55 Mortise inserts
 - 56 Heavier
- VERTICAL**
- 1 Moral principles

Here's the Answer



Fire hazard precautions

Do you know that an average size Christmas tree takes less than two minutes to burn up? To cut down fire danger in your home, remember the following hints from the National Board of Fire Underwriters: Choose a small tree and keep it outdoors until a few days before Christmas. Set it up in the coolest part of the house. If necessary shut off radiator closest to tree. Use fireproof decorations. Never use real candles. Above all, check your wiring on lights — never use old frayed or worn wiring. Provide a switch some distance from the tree for turning the lights on and off. When needles dry and turn brown, remove nearby lights to a safer position. After opening Christmas presents, remove wrappings and packing materials from the living room as soon as possible.

To protect your children, take precautions with holiday costumes. If flimsy, inflammable materials are used they may be easily flame-proofed with the following solution:

Nine ounces of borax, four lons of water. Fabrics may be ounces of boric acid and one gallon flame-proofed in this solution after each washing.

Outdoor lighting

For outdoor decorations use only weatherproof outlets and wiring. Never try to change bulbs or make any change in the wiring, while the current is on. Snow or other Winter dampness has caused many tragedies in connection with electricity.

Gay chapeaux to defy winter chills



New versions of chill chasing sports chapeaux combine glamor with practicality. The wrap-around hood, left, of wool jersey fits sleekly to the head and can be wrapped high over coat collars. Another cold-weather head-warmer is the popular plaid scarf, right, smart when draped casually over the head and shoulder.

Singing carols ancient custom

Christmas carols are among the oldest known forms of music. St. Francis of Assisi is generally credited with having started the custom of singing and dancing around a crib. But his exact song seems to have been lost in antiquity.

Although these songs are called carols in English, they are the same as the "noels" of France and the "Wiegenlieder" of Germany. Originally composed for dance tunes to be sung around the crib, as some of the famous Latin Christmas hymns, they have more recently been dedicated to members of the composer's family.

Phillips Brooks wrote "O Little Town of Bethlehem" for his three nieces.

"Hark, the Herald Angels Sing" was originally "Hark, How all the Welkin Rings", composed by Charles Wesley in the 18th century.

No one seems to know who wrote the original words of "Adeste Fideles", but the English translation, "O come, All Ye Faithful", was the work of John Reading.

COOL WEATHER DOES IT

Florida citrus industry views with alarm U.S. Food and Drug administration's order banning use of artificial food dyes now used to color oranges. There's usually a lack of sufficiently cool weather to give Florida's oranges the color which is taken erroneously by the public as proof that oranges are ripe.

Legend of the candle

The candle is supposed to say to the outside world, "Christ is loved in this home and he is welcome here." The old story was that Christ came back to earth each Christmas Eve. He came in disguise. It was not known to whose door he might come. Thus all Christians prepared to receive him.

The candle was placed in the window to welcome home and to light his path. All who came needing help were lovingly received and served because of Him. All hoped that one of their guests might be the Christ Child himself.

Profitable wild plant

A small green plant called the Lycopodium is bringing dividends to residents in Phelps township, near North Bay, Ont.

Lyco, as it is known locally, is used in arranging wreaths, corsages and other floral decorations. Pickers make up to \$200 a year gathering it from the woods where it grows wild.

The plant, gathered each Spring and Fall, is processed by firms in Southern Ontario and shipped to several parts of the world.

Local pickers say there is enough Lyco to last for years.

Although the Indians used corn in most forms before the coming of the white man, they did not produce corn flakes.

Old-fashioned favorites always popular at Yuletide season

This holiday season make some old-fashioned favorites the new quicker way. The shortbread cookie recipe below is the easiest way of making a traditional "must" and is so good you'll want to serve these cookies all year "round!"

Shortbread Cookies

1/2 cup corn starch
1/2 cup icing sugar
1 cup sifted all-purpose flour
1 cup butter or margarine

SIFT together corn starch, icing sugar and all-purpose flour into bowl. (Have butter at room temperature.) BLEND butter or margarine into dry ingredients with a spoon until a soft dough is formed. SHAPE into balls about 1-inch in diameter. PLACE on ungreased cookie sheet about 1 1/2 in. apart. FLATTEN dough with lightly floured fork. BAKE in slow oven (300 deg. F.) 20 to 25 minutes or until edges of cookies are lightly browned. YIELD: 3 to 4 dozen cookies.

Note: If dough is very soft, cover and chill 1/2 hour.

Variations—

Cherry Cookies: Add 1/2 cup (one 4-ounce package) glace cherries, finely chopped with dry ingredients.

Fruit Cookies: Add 1/2 cup (one 4-ounce package) candied peel, finely chopped with dry ingredients.

Butter Tarts

1/2 cup butter
1/2 cup golden corn syrup
1/2 cup brown sugar
2/3 cup raisins
1/4 teaspoon nutmeg
1/4 teaspoon salt
2 eggs
1 recipe pastry

PREPARE pastry. LINE 3-inch tart tins with pastry. MELT butter; add all ingredients except eggs and mix thoroughly. ADD

eggs, beaten lightly, and combine well. POUR filling into pastry-lined tart tins. BAKE on lowest rack in very hot oven (450 deg. F.) 15 to 20 minutes. ALLOW to stand at least 10 minutes before removing from tins. YIELD: 1 dozen tarts.

Holiday Pie

1 tbsp. flour
1/2 tsp. cinnamon
1/2 tsp. ground cloves
1/4 tsp. nutmeg
1/4 tsp. salt
1 cup mixed candied fruit
1/2 cup raisins
1/2 cup chopped toasted almonds
2 eggs, slightly beaten
1 cup golden corn syrup
1/2 cup brown sugar
1 tsp. grated orange rind
1 tsp. grated lemon rind
2 tbsp. butter, melted
1/4 cup fruit juice
1 9-inch unbaked pastry shell

BLEND first five ingredients; add to fruit and nuts. MIX beaten eggs with corn syrup, sugar, grated rinds and melted butter. BLEND well and slowly add fruit juice; stir in fruit mixture. POUR into unbaked pastry shell. BAKE in hot oven (400 deg. F.) 15 minutes; reduce heat to moderate (350 deg. F.) and bake 30 minutes longer or until crust is browned and filling is set.

'Ripen' fruit cake

Fruit cakes and puddings improve in flavor and texture if allowed to "ripen" in storage in cool place for several weeks. The natural moisture of the cake must be well sealed-in. Wrap cakes securely in aluminum foil, and place in metal container with lid. Cakes may also be wrapped in moisture-proof film or foil, the ends sealed air-tight.

Floodlights on outside decorations

It used to be that the Yule spirit, when expressed through outdoor lighting of the home, shone from simple arrangements of varicolored brilliant gem-like bulbs strung over shrubbery, doorways and along the edges of the roofs.

But trends are moving forward toward newer and more subtle effects as the increasing number of householders in this country, proud of their ingenuity, vie with each other in brightening the Christmas picture presented by their homes after dark.

One of the new trends is to supplement exterior decorations with various forms of floodlighting and spotlighting. Weather-proofed, 150 watt lamps have been developed for the purpose. Through use of filter caps, various moods and effects can be obtained to add charm to the outdoor Christmas scene.

For example, an ingenious householder can arrange his lights so that the shadow of a waving Santa can be cast upon an otherwise uninteresting garage door.

New also for this Christmas, in the ever commendable desire to brighten the season with effects different from last year, is the addition of a new color in bulbs. One electrical company has brought out a "holiday pink" lamp, which is added to the red, green, blue, orange and white comprising the standard colors up to the present.

Still another trend in Yule time decorative lighting for the exterior of the home is toward simplification and away from the hodgepodge of colors which once used to be dominant.

This may be a development out of the earlier trend toward fixing on a central theme or motif for a display, which has a natural tendency to encourage simplification and use of fewer hues in a more tasteful manner.

No doubt hundreds of families now occupying their own new homes for the first time, will be joining in the widespread tradition. To them is sent a word of caution.

Indoor lights and wiring should never be used outdoors.

Properly weatherproofed wiring, bulbs and sockets are available for this purpose and can be used over and over again.

Outdoor Christmas lighting usually requires more wattage than the indoor variety. A check to the professional electrician is recommended for best results and perfect safety.

Origin of Xmas stocking

The legend of the Christmas stocking comes to us from Holland, where Santa Claus is called Saint Nicholas and dearly loved by every Dutch boy and girl.

Saint Nicholas, they believe, rides a horse named Sloopner, and he is accompanied by his servant, "Black Peter", who carries a bag of switches for all disobedient children. It would never do to be up and awake when Saint Nicholas comes, so Dutch children used to set their wooden shoes in the chimney corner, to be filled with gifts and fruits.

As the years passed, however, and most Dutch children stopped wearing wooden shoes, they hung up their stockings, instead. Thus began the charming custom which has been adopted everywhere, until today, in almost every home, "The stockings are hung by the chimney with care, in hopes that St. Nicholas soon will be there!"

Butterfly fish also swim in pairs.

Holiday Tree on the Highway



TWIN APPEAL—The little twins pictured above are literally stamping out tuberculosis across the nation this Christmas season. Paired, as shown, in sheets of 100, they're the symbols of the National Tuberculosis Association. Funds from their sale finance year-long endeavors of the \$3,000 voluntary tuberculosis-fighting organizations across the nation. Put YOUR stamp of approval on mankind's fight against the wasting disease. Use these stamps to seal your Christmas cards. If you have not received your stamps in the mail, contact your local tuberculosis association.

OUR COMPLETE SHORT STORY —

Love at Wilder Junction

By ANNA E. WILSON

RIPLEY CONWAY was checking the fire equipment in his truck when a tall girl on a shambling horse rode into view. Opposite Rip, she pulled her horse to a walk and drawled slowly.

"Howdy, Ripley."

Ripley's voice was taut.

"Howdy, Glenna."

Glenna stared stubbornly at a fly on Bandy's nose. "Bill's coming in today, I had a letter."

Ripley was bent over the truck, checking shovels. He didn't look up.

"Weather's been pretty dry hereabouts, Glenna. Better watch out for fires. Wilder Mountain's a bad place to get caught in."

"Thanks, Ripley." Her voice hardened and she kicked her horse into motion. "Bill will be over to see you later," she called back as he got out from behind the truck. He stared after her.

For a minute he had had an idea that Glenna had been going to say something. Something important. Now all he could see was the back of a tall girl on a horse—both loaded with camping equipment. It was remarkable how fast that shambling gait of Bandy's carried them. Rip put his notebook in his pocket and made for the station.

Lank Lannigan raised his long frame lazily from a split-bottomed chair and spoke without looking at Ripley. "Wasn't that Glenna Colby who rode by here? While back, I thought you and Glenna'd be making a match of it but seems lately you're giving each other the cold shoulder."

Rip was half way up the fire tower. He didn't answer Lank. He had his own thought about Glenna.

He'd met her first when he'd taken over the job of fire warden two years ago. She'd ridden in with her brother on the way up to his camp on Wilder.

"Howdy, stranger," Bill had said. "See you've taken over the station. My name's Bill Colby. This is Glenna."

You could see they were brother and sister. He stretched out a lean hand to be met by one as brown as his own. He'd noticed then that her eyes were clear and honest.

She and Bill had ridden over often after that and he'd spent his first leave with them—riding, fishing and shooting. A short month ago, he'd only been waiting for his next relief to ride into town to buy a ring before asking Glenna to marry him. It was then that Glenna had turned up with a letter from Sally Blanchard.

He'd already forgotten his brief engagement to Sally during the war. Sally had turned him down for Hap Haslett in the airforce. Hap had been invalided out and was still in hospital and now Sally had written to Glenna telling Glenna about her engagement to Rip without mentioning Hap—leaving Glenna to draw her own conclusions.

He'd tried to explain things but a coolness had sprung up between him and Glenna. He wasn't sure whether Glenna didn't believe him when he told her his engagement had been broken off or whether she was just hurt because he hadn't told her about the affair.

Fascinating zoo display

A fascinating addition to Edinburgh Zoo is the new Insect and Rare Bird House. The centre of attraction is a large display case wherein an army of ants can be closely studied through movable magnifying lenses.

There is also a glass hive which enables onlookers to watch bees as they enter, laden with nectar, through a glass tunnel and fill the cells in the "larder" or pass on to the "nursery" in which the cells contain young bees still in egg form. The queen bee has been specially marked with a white spot so that she may be easily recognized.

A charming exhibit is a glass-walled room inhabited by beautiful moths and butterflies, and tiny brilliantly colored humming birds which hover motionless in the air, their wings beating so fast as to be quite invisible to the fascinated onlookers.

When two people are always in an argument, they are said to be at loggerheads. The loggerhead is a large marine turtle.

3172

He wished he could find a way to prove to Glenna how much he loved her.

She must have taken a short cut back through Wilder for he didn't see her all morning. It was early afternoon before he saw a purple shadow of smoke rising north of the Wilder range which rapidly turned to scarlet. He tapped out a hot message and, minutes later, saw a plane streaking north and knew that already Jan Haas would be rounding up fire-fighters. Jan pulled in at the station to check over his trucks briefly as they passed him. His voice was sharp.

"Lots of dead timber this side of Wilder. Fire got into it and is making headway against the wind which is in our favor. So is Wilder Gorge. One end goes into the river at an angle but the other end runs out at that stretch of rock where there's nothing to feed on. If we can hold it by starting a slow blaze this side of the gorge the wind will drive our fire into the advancing blaze and we can fight fire with fire."

From the fire tower five minutes later, Rip could see the trees falling along the gorge as the fighters went into action, working towards the junction of the gorge and the river. Once the river had split at this junction, part flowing into the gorge, but a pulp company had walled off the gorge, turning its water into the main stream and built a power dam above it.

The phone rang and Lank's startled voice reached up to him. "Bill Colby's landed and wants to know if Glenna's here. She hasn't come in yet."

Rip's breath caught raggedly. Glenna was trapped on Wilder. The fire had broken out north of Bill's cabin. Glenna'd ridden straight for Wilder Junction, hoping to cross the bridge a couple of miles to the south. She was caught between two fires.

Rip called for Lank to mind the station and raced for his truck. He headed for the bridge only to ride into Haas' fires. He raced for the junction, glad to find that the fire hadn't reached the head of the gorge. A glance showed that he couldn't drive his truck through that deep cleft and without it he had no time to reach Glenna and get out again before the fire closed in on them.

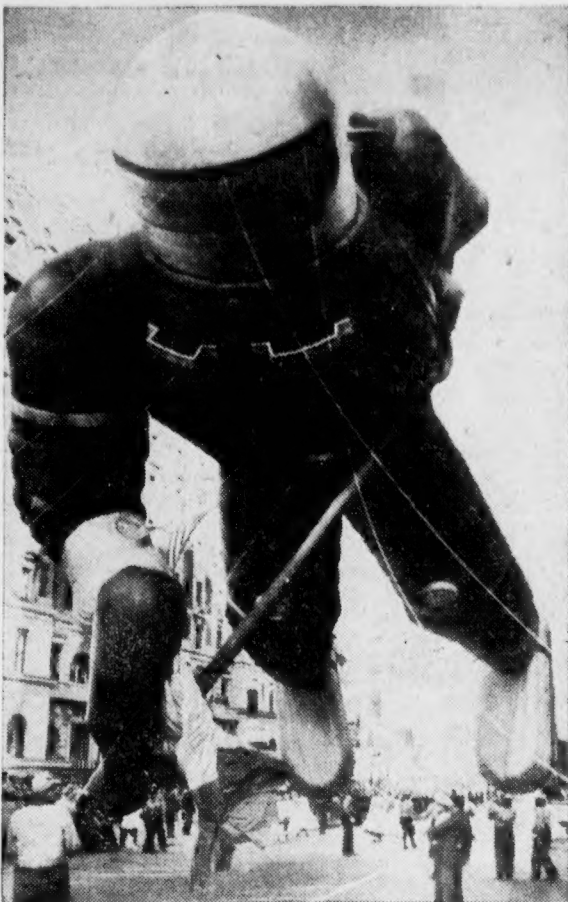
Rip tore wildly at his equipment for a box of dynamite. Crawling through the gorge, he dug frantically beneath the wall where it joined the frame of the dam. He scurried back leaving a trail of dynamite sticks rammed under the concrete. He lit a short fuse and raced for his truck. Kicking it into gear, he backed out in high. The explosion spread shattered glass all about him.

The water had barely levelled out, when he dived and headed for Wilder Mountain.

Rip had been right about Glenna. She had ridden along the gorge before she discovered she was trapped. To make things worse, Bandy stumbled, threw her and bolted. It seemed as if she had been crawling for hours, choking and fighting smoke, before she realized that the sound she heard was not the fire but the sound of running water. She threw herself down, rolled into the gorge and hit water. She heard Rip's voice and answered joyfully. They came out together at the mouth of the gorge, found the truck and piled into it. They drove home slowly.

Over hot coffee in the station, Rip kissed her. "About Sally —"

It's all right, Rip," Glenna's voice was muffled in Rip's coat. "In that letter from Bill, he told me all about Sally."



HARMLESS SPACEMAN—In New York, an armless but harmless spaceman dwarfs all other floats in the annual parade, which launches Christmas season. Spaceman lost arm when it brushed against building. The arm deflated and fell to the ground.

Handicapped woman busy editing Braille magazine, helping others

One of the busiest women in Vancouver is Mrs. Marjorie McGuffin, blind and deaf since childhood and mother of three.

At 50 she edits a Braille magazine, is organizing a league for the deaf and blind of Canada and does her own cooking and housework.

Measles gradually robbed her of eyesight and hearing. At 11 she began four intermittent years at school for the deaf but the very determination to get knowledge cut short her education.

"Straining my injured eyes through a magnifying glass, I read, read, read my sight away," she said. "The teens were the bitterest years of my life."

Then Albert McGuffin, a deaf machinist, was drawn to the girl

nicknamed "Little Spitfire" by her companions. He tapped out a proposal on her hand and they were married.

"I did all my own work and reared the children without outside help," she said. "When they were tiny I slept with the youngest at my side, and used to wake myself during the night to feel him for vibrations of crying."

Did own baking

"I did my own baking, pouring vanilla extract slowly over my finger to judge a teaspoonful. Ironing has never been an easy chore, but it gets done. Mending the clothing was the only impossibility, and my mother helped with that."

The children, sensing their mother's need, learned manual communications early and were helpful and resourceful beyond their years.

When she reached 40 and the children were grown, Mrs. McGuffin felt that she needed more education. She studied Braille and touch-typing and won two scholarships for special home study from the University of Chicago.

Then she began to study the plight of the deaf and blind in Canada. She wanted to help those whose lives were being allowed to vegetate in uselessness.

She became a free-lance writer and put out a little Braille magazine to bring hope and companionship to those handicapped like herself. Now she is studying Italian, learning the language by corresponding in Braille with a schoolteacher in Italy.

"My double handicap," she said, "has been a mixed blessing, rather than an unmixed hardship."

Fireproof your Christmas tree

Buy enough ammonium sulphate to equal the weight of your Christmas tree.

Dissolve this in water. One pound of ammonium sulphate to 1½ pints of water. Make a fresh cut on the trunk so that the moisture can be absorbed. Stand in a cool place for three or four days before decorating it.

Historic portage is marked

An aluminum marker has been set into bedrock on the site of the historic second Chaudiere portage along the north shore of the Ottawa River at Val Tetreau, P.Q.

Along the half-mile portage moved nearly all the Canadian explorers and fur traders who followed the canoe route from Montreal to the western plains.

The portage, which possibly is the last of the route remaining in its original state on the Ottawa River, felt the steps of Samuel de Champlain, Brule, Nicolet, Radisson, Groseilliers, La Salle, La Verendrye, Alexander Henry the Elder and Alexander Henry the Younger, Harmon, Thompson, and Fraser.

The marker, which was erected by the Men's and Women's Canadian Club of Ottawa, was unveiled by Hon. Jean Lesage, Minister of Northern Affairs and National Resources. The portage was declared a historic site by the Historic Sites and Monuments Board of Canada in 1954, and the property that it crosses placed in the custody of the Federal District Commission by its owner, the Gatineau Power Company.

Shown on the large plaque is a fur-trade canoe manned by 14 voyageurs shooting a rapids while nearby are the actual stone steps and the rock causeway built by the voyageurs to ease the movement of heavy loads over the portage. Another reminder of the 300-year-old portage is found near the marker where two life-sized voyageur canoe paddlers rest against a large granite boulder.

Other historic Ottawa river portages have been obliterated by canals, power dams, or industrial sites. Maintenance of water levels has helped protect the site while youngsters used the portage route to reach the river have preserved its identity.

Lee wheat susceptible to loose smut

Lee wheat is one of the varieties of hard red spring wheat that has proved to be susceptible to loose smut. When Lee is grown attention should be paid to the control of this disease.

There are two methods of controlling loose smut. If smut-free seed is used no smut will appear in the standing crop. Smut-free barley seed may be selected by means of the embryo test, but unfortunately, we have no simple test for loose smut of wheat.

This being so, the best way to deal with loose smut of wheat is to obtain seed from a smut-free field, or else treat sufficient seed each year to sow a field that is just large enough to produce all the seed required for the following year. This system avoids the necessity of treating large quantities by the painstaking methods available at present.

For the treatment of seed infected with loose smut there is the long-established hot-water treatment is suggested as an example:

Soak the seed in water at 75 deg. F. in a milk can for two hours and then drain off the water. Then put the lid of the milk can on tightly and keep it in a room where the temperature remains close to 75 deg. F. for 50 hours. Then take out the seed and dry it as much as is necessary to allow it to pass through the seeder readily. This method has been tested to only a limited extent as yet. The length of the treatment may be altered somewhat in the light of future experiments.—R. C. Russell, Field Plant Pathology Laboratory.

Silver is 10 times heavy as water.

BOZO



By Foxo Reardon

**D.A.'S
CORNER**

BY S. W.

PETTEM, D.A.
DRUMHELLER**CONSERVATION OF FEED
SUPPLIES**

By all appearances we are facing one of the longest feeding periods in many years and it is most essential that supplies of fodder be conserved. Probably one of the most wasteful methods of feeding is the spreading of feed on the ground. Plans for the construction of feed mangers and feed racks are obtainable through this office.

**LIST YOUR FODDER
SUPPLIES**

Several farmers have approached me in respect to locating supplies of baled hay and straw. If you have baled hay or straw for sale, list the quantities with this office and I am sure it can be moved, if not locally, in some part of my district.

**A SUCCESSFUL YEAR
COMPLETED BY 4-H CLUBS**

The Drumheller and District Agricultural Society has just completed the sponsoring of six banquets in honor of the 4-H

members. Over nine hundred people attended these banquets which is the largest number yet to be served.

January is the month for the re-organizing of the Grain Clubs and any boy or girl twelve years of age or over is eligible for membership. See your local leader as to the date of the re-organization meeting.

As this will be my last column before Christmas, I would like to take this opportunity to extend to everyone a Very Merry Christmas and a Prosperous and Happy New Year.

Tips on Touring

By Carol Lane

Women's Travel Authority



Does it take extra coffee, extra heat and extra effort to get you started on a cold wintry morning? Then you should be able to understand the cold weather starting problems of your car.

Tricky and difficult starts are not only a strain on your temper, but a drain on your battery.

Following a few simple rules will assure faster winter starts for cars equipped either with manual gear shifts or automatic transmissions, according to the Shell Oil automotive experts. First, depress the clutch or put your automatic transmission at neutral. Secondly, push the accelerator to the floor once and release to prime the engine and then hold the accelerator part way down. Thirdly, press the starter. Finally, as the engine catches, hold the accelerator for a moderate idle. Never race a cold engine.

If your car has a hand choke, pull the choke out all the way, start the engine and then push the choke back far enough so that the engine idles smoothly.

As further insurance against slow starts, keep your battery as near full-charge as possible since the major burden of turning over a cold engine falls on the battery. If your car is parked out-of-doors during winter's changeable weather, you can avoid wet wires by coating all exposed ignition connections with a reliable waterproofing solution.

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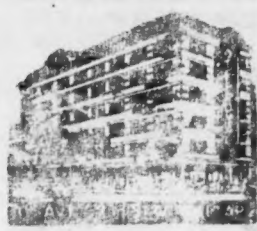
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**Spotlight on HEALTH**
Science Features
A War Of "Bugs"

Even the healthiest person among us could be harboring germs that, under certain conditions, produce such dreaded diseases as tuberculosis, polio and influenza. They are carried to us in the air we breathe, the food we eat, and on the things we touch. Yet we may remain healthy and unaware most of the time of this invisible world of germs that lurks both within and outside our bodies.

This paradoxical situation results from the interplay of countless factors that stand in the way of a germ's development and survival.

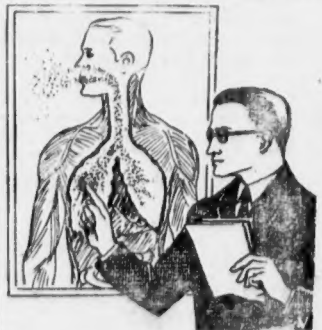
The great scientist Metchnikoff once observed that germs multiply so rapidly that, if provided with a favorable environment and adequate protection, they could soon destroy mankind and envelop the earth.

Scientists have discovered that one of the most effective barriers against the spread of deadly germs are other microorganisms. For while some of these minute agents seem bent on destroying human, plant and animal life, others protect and help us.

We now know, for instance, there are germs that actually prey on a variety of disease-causing agents. Such "cannibal" germs are called bacteriophages, which means "devourers of bacteria."

Other microorganisms have a more subtle but equally effective means of disposing of dangerous bacteria: they "manufacture" chemicals called antibiotics which are effective against a variety of deadly germs. The antibiotic tetracycline, for instance, is produced by Streptomyces, which are tiny mold microorganisms. Tests have shown that this drug, which is also known as Polycycline, repels germs responsible for scores of diseases which range from pneumonia to dysentery.

The process by which antibiotics are produced, in effect, reverses Metchnikoff's observation on the



ability of germs under proper environment to multiply so rapidly as to destroy mankind. The Streptomyces organism which produces the germ-fighting Polycycline, is given the perfect environment in which to multiply at the greatest possible rate. The fermentation tanks where the antibiotic is produced are made sterile so the Streptomyces will have no competition from other organisms and can grow in complete freedom. The temperature, pressure, moisture, and food on which the productive little organism thrives best are then regulated under the most careful controls.

By thus studying the needs of "friendly" organisms which can be used to fight harmful ones, and then providing these needs under laboratory conditions, scientists are learning to tilt the balance of power in favor of the microscopic agents that help us eradicate disease.